

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1-16. (cancelled)
17. (new) An isolated polynucleotide comprising:
 - (a) a nucleotide sequence encoding a polypeptide having Myb-related transcription factor activity, wherein the polypeptide has an amino acid sequence of at least 80% sequence identity when compared to SEQ ID NO:36, based on the Clustal V method of alignment with pairwise alignment default parameters of KTUPLE=1, GAP PENALTY=3, WINDOW=5 and DIAGONALS SAVED=5, or
 - (b) a full-length complement of the nucleotide sequence of (a).
18. (new) The polynucleotide of Claim 17, wherein the amino acid sequence of the polypeptide has at least 85% sequence identity when compared to SEQ ID NO:36, based on the Clustal V method of alignment with the pairwise alignment default parameters.
19. (new) The polynucleotide of Claim 17, wherein the amino acid sequence of the polypeptide has at least 90% sequence identity when compared to SEQ ID NO:36, based on the Clustal V method of alignment with the pairwise alignment default parameters.
20. (new) The polynucleotide of Claim 17, wherein the amino acid sequence of the polypeptide has at least 95% sequence identity when compared to SEQ ID NO:36, based on the Clustal V method of alignment with the pairwise alignment default parameters.
21. (new) The polynucleotide of Claim 17, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:36.
22. (new) The polynucleotide of Claim 17 wherein the nucleotide sequence comprises SEQ ID NO:35.
23. (new) A vector comprising the polynucleotide of Claim 17.

24. (new) A recombinant DNA construct comprising the polynucleotide of Claim 17 operably linked to at least one regulatory sequence.

25. (new) A method for transforming a cell, comprising transforming a cell with the polynucleotide of Claim 17.

26. (new) A cell comprising the recombinant DNA construct of Claim 24.

27. (new) A method for producing a transgenic plant comprising transforming a plant cell with the polynucleotide of Claim 17 and regenerating a transgenic plant from the transformed plant cell.

28. (new) A plant comprising the recombinant DNA construct of Claim 24.

29. (new) A seed comprising the recombinant DNA construct of Claim 24.